RAW SEQUENCE LISTING   DATE: 01/14/2002
PATENT APPLICATION: US/10/018,672   TIME: 12:01:39

Input Set : **A:\seqlist.txt**
Output Set: **N:\CRF3\01142002\J018672.raw**

ENTERED

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  4 <110> APPLICANT: Thonnard, Joelle
  6 <120> TITLE OF INVENTION: BASB111 Polypeptide and Polynucleotide
  7       From Moraxella Catharrhalis
 10 <130> FILE REFERENCE: BM45395
C--> 12 <140> CURRENT APPLICATION NUMBER: US/10/018,672
C--> 12 <141> CURRENT FILING DATE: 2001-12-13
 12 <150> PRIOR APPLICATION NUMBER: 9914945.2
 13 <151> PRIOR FILING DATE: 1999-06-25
 15 <150> PRIOR APPLICATION NUMBER: PCT/EP00/05852
 16 <151> PRIOR FILING DATE: 2000-06-23
 18 <160> NUMBER OF SEQ ID NOS: 4
 20 <170> SOFTWARE: FastSEQ for Windows Version 4.0
 22 <210> SEQ ID NO: 1
 23 <211> LENGTH: 831
 24 <212> TYPE: DNA
 25 <213> ORGANISM: Moraxella catarrhalis
 27 <400> SEQUENCE: 1
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 29 tgcagcaatc aatcaaacga accagctgcc atatctaaaa cagctgcaca gactatcaag   120
 30 gttggcgtca tggcaggtcc tgaacaagct gtggcagagg tagcaggtca agtcgccaaa   180
 31 gaaaaataca acctgaccgt tgaattggtt gagtttaatg actatgccat gccaaactca   240
 32 gccgtctcaa aaggtgaact tgacgccaat gccatgcagc acaaaccctta tcttgaaaaa   300
 33 gacagccaag aaaaaggcct aaataacttg gtcatcgtcg gcaacacctt tgtataccca   360
 34 ttggcaggtt attcaaccaa aatcaagaca ttaaatgagc taaaagatgg tgcaaccatc   420
 35 gccgttccaa atgatccctc aaacttagct cgtgcattaa ttttacttga aaaacaaggc   480
 36 ttaattaaat taaaagacaa caccaaccta ttctcaacca cacttgatat cgtagaaaat   540
 37 ccaaaaaaat tggtcatcaa agaagtggat acctcagttg ctgctcgtgc aattgacgat   600
 38 gtggacttgg cagtggtaaa taacaactat gcaggtcaag taggtttaac agccagtgaa   660
 39 aatggcgttt ttgttgaaga taaagactcg ccttatgtca atatcatcgt cgctcgtgct   720
 40 gacaataaag actctaaggc catccaagac tttgtgaaag cctatcaaac cgatgaagtg   780
 41 gaagctgaag ccaaaaagca atttaaagat ggtgttatca aaggctggta a            831
 43 <210> SEQ ID NO: 2
 44 <211> LENGTH: 276
 45 <212> TYPE: PRT
 46 <213> ORGANISM: Moraxella catarrhalis
 48 <400> SEQUENCE: 2
 49 Met Asn Phe Gly Lys Ile Asn Gly Ile Cys Ala Leu Ala Ser Gly Ile
 50 1               5                   10                  15
 51 Ala Leu Ala Gly Cys Ser Asn Gln Ser Asn Glu Pro Ala Ala Ile Ser
 52                 20                  25                  30
 53 Lys Thr Ala Ala Gln Thr Ile Lys Val Gly Val Met Ala Gly Pro Glu
 54         35                  40                  45
 55 Gln Ala Val Ala Glu Val Ala Gly Gln Val Ala Lys Glu Lys Tyr Asn
 56     50                  55                  60
 57 Leu Thr Val Glu Leu Val Glu Phe Asn Asp Tyr Ala Met Pro Asn Ser
 58 65                  70                  75                  80
 59 Ala Val Ser Lys Gly Glu Leu Asp Ala Asn Ala Met Gln His Lys Pro
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RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/018,672

DATE: 01/14/2002
TIME: 12:01:39

Input Set : A:\seqlist.txt
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60                  85                  90                  95
61 Tyr Leu Glu Lys Asp Ser Gln Glu Lys Gly Leu Asn Asn Leu Val Ile
62                 100                 105                 110
63 Val Gly Asn Thr Phe Val Tyr Pro Leu Ala Gly Tyr Ser Thr Lys Ile
64                 115                 120                 125
65 Lys Thr Leu Asn Glu Leu Lys Asp Gly Ala Thr Ile Ala Val Pro Asn
66         130                 135                 140
67 Asp Pro Ser Asn Leu Ala Arg Ala Leu Ile Leu Leu Glu Lys Gln Gly
68 145                 150                 155                 160
69 Leu Ile Lys Leu Lys Asp Asn Thr Asn Leu Phe Ser Thr Thr Leu Asp
70                 165                 170                 175
71 Ile Val Glu Asn Pro Lys Lys Leu Val Ile Lys Glu Val Asp Thr Ser
72         ·       180                 185                 190
73 Val Ala Ala Arg Ala Ile Asp Asp Val Asp Leu Ala Val Val Asn Asn
74         195                 200                 205
75 Asn Tyr Ala Gly Gln Val Gly Leu Thr Ala Ser Glu Asn Gly Val Phe
76         210         ·       215                 220
77 Val Glu Asp Lys Asp Ser Pro Tyr Val Asn Ile Ile Val Ala Arg Ala
78 225                 230                 235                 240
79 Asp Asn Lys Asp Ser Lys Ala Ile Gln Asp Phe Val Lys Ala Tyr Gln
80                 245                 250                 255
81 Thr Asp Glu Val Glu Ala Glu Ala Lys Lys Gln Phe Lys Asp Gly Val
82                 260                 265                 270
83 Ile Lys Gly Trp
84         275
86 <210> SEQ ID NO: 3
87 <211> LENGTH: 38
88 <212> TYPE: DNA
89 <213> ORGANISM: Artificial Sequence
91 <220> FEATURE:
92 <223> OTHER INFORMATION: Primer
94 <400> SEQUENCE: 3
95 aggcagaggg aattcatgaa ttttggtaaa attaatgg                        38
97 <210> SEQ ID NO: 4
98 <211> LENGTH: 59
99 <212> TYPE: DNA
100 <213> ORGANISM: Artificial Sequence
102 <220> FEATURE:
103 <223> OTHER INFORMATION: Primer
105 <400> SEQUENCE: 4
106 aggcagaggg tcgacttaat ggtgatggtg atggtgccag cctttgataa caccatctt  59
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VERIFICATION SUMMARY
PATENT APPLICATION: **US/10/018,672**

DATE: 01/14/2002
TIME: 12:01:40

Input Set : **A:\seqlist.txt**
Output Set: **N:\CRF3\01142002\J018672.raw**

L:12 M:270 C: Current Application Number differs, Replaced Current Application No
L:12 M:271 C: Current Filing Date differs, Replaced Current Filing Date